



INTRODUCTION TO THE ENVIRONMENTAL PROFESSION

SEPTEMBER 26, 2017

Workshop for Young Professionals

Join the Midwest Section of the Air and Waste Management Association for our inaugural Young Environmental Professionals workshop. In this workshop, experts in the environmental field will present an introductory course on air, water, waste, field sampling techniques, and analysis of laboratory results while providing real-life insights on working in these areas. Learn a new topic area, refresh your knowledge of environmental regulations and requirements, and network with local professionals in the field.

For more information, contact Kelli Calhoon at 913-956-6221 or kcalhoon@blackstone-env.com.



Air & Waste Management Association
Midwest Section

September 26, 2017
12:30 – 5:00pm
Networking with Area
Professionals to Follow

Topics and Presenters:

Air Quality

*Joseph Stolle,
GeoEngineers*

Water Quality

*Don Gansert,
Trinity Consultants*

Waste

*Ryan Kluss,
Stantec*

Field Sampling & Data Analysis

*Anna Custer,
Pace Analytical*

*Anne Melia,
Blackstone
Environmental*

Kauffman Foundation
Conference Center
4801 Rockhill Road
Kansas City, MO 64110

To register, visit:
www.midwestawma.org

Professionals: \$40
Full-Time Students: \$10

Seating is limited. Please
register by September 8, 2017.

Introduction to the Environmental Profession

September 26, 2017 ♦ 12:30pm - 5:00pm

Topics

Air Quality

What is air pollution and where does it come from? What are the primary pollutants and how do we quantify their emissions? What permitting and reporting requirements exist? We will answer these questions, work through some sample emission calculations, and discuss some real world permitting issues that an environmental professional would likely encounter on the job.

Water Quality

Water is one of the most important substances on earth. The US EPA and state environmental agencies enacted the National Pollutant Discharge Elimination System (NPDES) and Spill Prevention, Control, and Countermeasure (SPCC) regulations to reduce pollution to the waters of our country to make them fishable and swimmable again. We will review these regulations and their associated requirements, including secondary containment structures, periodic inspections and testing, spill response and notification procedures, and employee training.

Waste

What is waste? How do I know if I am dealing with a hazardous waste? We will answer these questions and more as we work through the waste management process. We will discuss waste determinations; listed vs characteristic wastes; universal waste; hazardous waste generator requirements; and what does EPA mean by "Cradle to Grave"?

Field Sampling

How do I collect this soil? Am I using the correct container for this water? In the world of Field Sampling, there are hundreds of possible analyses and each of them require special containers, preservatives and sampling procedures. We will address the most common water & soil sampling practices, containers for collection and the proper way to pack your cooler for delivery to the lab.

Interpreting Laboratory Data as a Non-Chemist

I've received the laboratory analytical report, but it seems to be written in a foreign language...help! We will discuss various aspects of how to understand laboratory analytical reports including definitions of common laboratory terminology, interpretation of both sample data results and laboratory quality control/quality assurance (QA/QC) results, how to determine if the data results meet the overall project objective(s), and potential corrective actions to mitigate QA/QC issues.

Instructors

Joseph Stolle, GeoEngineers

Throughout his career, Joe Stolle has been active in air pre-construction permitting, State Implementation Plan (SIP) coordination, steady and non-steady state dispersion modeling, and emission inventory development. He has worked on numerous minor and major source pre-construction permits, air dispersion modeling studies, and has developed emission inventories for essentially all air pollutants of interest. Additionally, Joe represented industry on several lead SIP revisions including three revisions to the lead SIP in Herculaneum, Missouri and a revision to the lead SIP for the Viburnum trend in Southeast Missouri.

Don Gansert, Trinity Consultants

Don is a Managing Consultant with Trinity Consultants based in their Kansas City office. He has a B.S. in Electrical Engineering and 25 years of industrial experience where he held positions as a maintenance supervisor, plant engineer, and head of an Engineering Department. His water experience includes preparing NPDES permits, City Industrial Wastewater Discharge permits, Stormwater Pollution Prevention Plans (SWPPP), and SPCC plans. He has developed wastewater sampling and inspection procedures and custom training. He also performs compliance audits for NPDES, SWPPP, SPCC, and the Safe Drinking Water Act (SDWA).

Ryan Kluss, Stantec

Ryan is an Associate with Stantec and the Des Moines, IA Office Manager. He has a B.S. in Meteorology from Iowa State University. Ryan has 10 years of industrial environmental compliance experience working with a variety of industries in air, water, waste, and chemical management. He has sampled, characterized, and managed dozens of waste streams for his clients. He also assists with hazardous waste inspections, manifesting, reporting, recordkeeping, and auditing.

Anna Custer, Pace Analytical Services

Anna is a Senior Account Executive for Pace Analytical Services based out of the Lenexa laboratory location. Anna attended the University of Kansas for her Bachelor's degree in BioChemistry. She has been with Pace Analytical for 14 years in a variety of roles, including Project Management and managing the Wet Chemistry department for 4 years. In addition to technical knowledge of the laboratory, she has also become well versed in field sampling procedures, requirements and methods.

Anne Melia, Blackstone Environmental, Inc.

Anne is a Senior Project Manager in Blackstone's Overland Park office. Her experience includes environmental compliance and monitoring, Phase I/II environmental site assessments, RCRA Subtitle D permitting, compliance and solid waste planning, environmental data validation and statistical analysis, NPDES permitting, development of SWPPPs, preparation of SPCC plans, and hazardous waste determinations. Anne has a M.S. in Environmental Health Science and a B.A. in Chemistry from the University of Kansas.

Post-Workshop Networking Event – 5:00pm

Nick & Jakes, 5031 Main Street, Kansas City, Missouri 64112

Network with the Midwest Section's advisory board members and other area professionals after the workshop. The Midwest Section will sponsor beverages and appetizers.

NICK AND JAKE'S
REAL FOOD. HONEST DRINK.